

CMX-16A SPECIFICATIONS

1. INPUT SECTION

Input	Connector	Input Impedance	Nominal Level	Max Level
MONO CH MIC	XLR	>1.3K Ω	+2 dBm	+14 dBm
MONO CH LINE	1/4" TRS	>10K Ω	+4 dBm	+22 dBm
STEREO CH LINE	1/4" TRS	>10K Ω	+4 dBm	+22 dBm
TAPE IN	RCA PIN JACKS	>10K Ω	+2 dBm	+22 dBm
AUX RETURNS	1/4" TS	>10K Ω	+4 dBm	+22 dBm
INSERT IN	1/4" TRS	>10K Ω	+4 dBm	+22 dBm

2. OUTPUT SECTION

Output	Connector	Output Impedance	Nominal Level	Max Level
STEREO OUT L/R	XLR & 1/4" TS	120 Ω	+4~+6 dBm	+22 dBm
AUX SENDS 1,2	1/4" TS	120 Ω	+4~+6 dBm	+20 dBm
G1-G2 OUT	1/4" TRS	120 Ω	+4~+6 dBm	+22 dBm
INSERT OUT	1/4" TRS	120 Ω	+4~+6 dBm	+22 dBm
CNTRL R. OUT	1/4" TS	1K Ω	+4~+6 dBm	+22 dBm
REC OUT	RCA PIN JACKS	1K Ω	+4~+6 dBm	+22 dBm
PHONES	1/4" TRS	200 Ω	—	40mW X 2

3. FREQUENCY RESPONSE

ANY INPUT TO
 ANY OUTPUT20 Hz to 20 KHz \pm 3dB @ 0 dBm

4. TOTAL HARMONIC DISTORTION

ANY INPUT TO
 ANY OUTPUT0.02%, 20 Hz-20 KHz @ 1KHz, 0 dBm

5. INPUT CHANNEL EQUALIZATION

High shelving12 kHz, \pm 15 dB, Q fixed at 2 oct.
 Mid bell2.5 kHz, \pm 15 dB, Q fixed at 1 oct.
 Low shelving80 Hz, \pm 15 dB, Q fixed at 2 oct.

6. GAIN CONTROL RANGE

Input channel trim control....Stop to stop- Mic +10 dB~+60 dB,
 Line+10 dB~+40 dB
 Channel/Master Faders - ∞ to +15 dB
 Aux Send/Aux Master SendOff to +15 dB
 Aux ReturnOff to Unity to +20 dB
 Tape In Level ControlOff to +15 dB

7. CROSSTALK @ 1KHZ

ADJACENT CHANNEL INPUTS-78 dB~-68 dB
 INPUT TO OUTPUT -78 dB~-68 dB

8. HUM AND NOISE

20 Hz-20 KHz, R_s =150 ohms, input TRIM @ 0 dB, input sensitivity at -60 dB
 EQUIVALENT INPUT NOISE-129 dBm
 RESIDUAL OUTPUT NOISE.....-85 dBm

9. VU METERS

10-segment LED X 2, L/G1, R/G2

10. PHANTOM POWER

+48 VDC, globally selected

11. POWER REQUIREMENTS

External PSU, 120 VAC/60Hz or 230 VAC/50Hz

12. POWER CONSUMPTION

40 Watts, External PSU

13. DIMENSIONS AND WEIGHT

15" x 17.5" x 3.75" (381 x 495 x 95 mm), 14.85 lbs (6.75 Kg),
 External PSU not included

The specifications above are correct at the time of printing of this manual. For improvement purposes, all specifications for this unit, including design and appearance, are subject to change without prior notice.